



Attorney's Docket No.: 12774-002001

1632  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hsu Ching-Hsaing et al. Art Unit : 1632  
Serial No. : 09/778,672 Examiner : Q. Janice Li  
Filed : February 7, 2001  
Title : LIVE VACCINES FOR ALLERGY TREATMENT

Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO ACTION DATED OCTOBER 4, 2002**

In response to the action dated October 4, 2002, please amend the application as follows:

In the title

Replace the title with the following:

-- BACTERIAL AGENTS FOR ALLERGY TREATMENT --

In the claims:

Cancel claims 34 and 40 without prejudice.

Amend claims 24, 35, 36, 43, and 44 as follows:

*Sub C1*  
*24*  
24. (Amended) A method of decreasing the production of IgE in a subject exposed to a dust mite allergen, the method comprising:  
orally administering to a subject a non-pathogenic, Gram-positive bacterium that comprises (i) a nucleotide sequence that encodes a dust mite allergen and (ii) a promoter operably linked to the nucleotide sequence; and  
expressing the allergen in the subject in an amount sufficient to suppress allergen-specific IgE production in the subject upon subsequent exposure to the allergen.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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DAS:061050 Name/Number: 09778672  
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*Cassandra Beepot*

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